

ASDSF  
20.2.4.4 V4



5129 N. Shirley St. Suite 100, Ruston, WA 98407

November 15, 2011

Mr. Kevin L. Rochlin  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, ECL-111  
Seattle, WA 98101

Monthly Report: No. 184, September 2011  
Operable Unit No. 02 - Asarco Tacoma Smelter Site

**ADDENDUM NO. 1**

This Addendum No. 1 is made part of the original Monthly Report No. 184 and modifies the page headers as follows:

Monthly Report 184, September 2011  
Operable Unit 02  
Asarco Tacoma Smelter Site





5129 N. Shirley St. Suite 100, Ruston, WA 98407

November 15, 2011

Mr. Kevin L. Rochlin  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, ECL-111  
Seattle, WA 98101

RE: Monthly Report: No. 185, October 2011  
Operable Unit No. 02 - Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me at (253) 752-2185, extension 236.

Sincerely,

A handwritten signature in black ink, appearing to read "Loren Cohen". It is written in a fluid, cursive style with some loops and variations in thickness.

Loren Cohen  
Manager of Legal Affairs

Attachment (2 copies)

cc: Chung Ki Yee - Washington Department of Ecology  
Evan Griffiths - CH2MHill (2 copies)  
Leslie Ann Rose - Citizens for a Healthy Bay

Monthly Report 185, October 2011  
Operable Unit 02  
Asarco Tacoma Smelter Site

A. *Actions taken to achieve compliance with the Consent Decree during the previous month.*

1. Met with EPA on October 28<sup>th</sup> for coordination meetings.
2. Temporary Cap and Interim Permanent Cap and Site Wide Storm Water Plan undergoing review for re-submittal to EPA for approval.
3. Continue remedial action associated with Master Infrastructure CMP, including abandonment of existing storm water system and other underground public utilities, and construction of new public infrastructure and roads.
4. Continue construction of Shoreline Armoring RA
5. Erosion control BMP's were maintained after storm events, including replacement of silt fences and exclusion zone fence. On-going site maintenance and monitoring continues, including all requirements under the Site Wide Construction Health and Safety Plan.
6. Continued weekly site-inspection reports (see attached).
7. Maintained clean work area and road.
8. Remedial Action activities continued.
9. Training activities include the following:
  - Site Safety Orientations (Clean Zone) was held for personnel of the following companies:
    - i. Four (4) Vessey & Son employees
    - ii. Five (5) Labor Systems Job Center employees
    - iii. One (1) Pacific Utility employee
    - iv. Two (2) Drain-Pro employees
    - v. One (1) CAD of Puget Sound employee
    - vi. Two (2) ESNNW employees
    - vii. Three (3) Cal-Portland employees
    - viii. Two (2) Helser Brothers Transport employees
    - ix. One (1) CenturyLink employee
    - x. One (1) RSC Equipment Rental employee
    - xi. One (1) Division Five employee
    - xii. Two (2) Darling Sons International employees
    - xiii. One (1) Brundage Bone employee
    - xiv. Seven (7) Gordy Bagnell Trucking employees
    - xv. Two (2) Brumfield Construction employees
    - xvi. One (1) Gilliardi employee
    - xvii. One (1) A&P Freight Service employee
    - xviii. One (1) Ibabao Trucking employee
    - xix. Four (4) J.M. Corp & Son Electric Const. employees
    - xx. One (1) TCB Industrial Corporation employee
    - xxi. Two (2) Alliance Steel Erectors employees
    - xxii. One (1) Volco employee
    - xxiii. Eight (8) City of Tacoma employees
    - xxiv. One (1) Graybow Transportation employee
    - xxv. One (1) Mutual Materials employee
    - xxvi. Five (5) Peninsula Concrete employees

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Asarco Tacoma Smelter Site

- xxvii. Three (3) Stegin Concrete employees
- xxviii. One (1) Miles Resources employee
- xxix. One (1) Mountain Mist employee
- xxx. Twenty-three (23) Non-worker visitors
- Site Specific Safety Training (Exclusion Zone) was held for personnel of the following companies:
  - i. Five (5) Gordy Bagnell Trucking employees
  - ii. Two (2) TCB Industrial Corporation employees
  - iii. Five (5) Peninsula Concrete employees
  - iv. Two (2) J.M. Corp & Son Electric Const. employees
  - v. Two (2) ESNNW employees
- HAZWOPER Basic training was verified or completed by personnel of the following companies:
  - i. Five (5) Gordy Bagnell Trucking employees
  - ii. Five (5) Peninsula Concrete employees
  - iii. One (1) J.M. Corp & Son Electric Const. employees employee
- HAZWOPER annual retraining was verified or completed by personnel of the following companies:
  - i. Four (4) Azure-Green employees
  - ii. One (1) Point Ruston employee

B. *Summary of sampling, tests and all other data received or generated by Point Ruston in the previous month.*

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003, which Point Ruston will continue to implement: weekly composite samples will be collected from April-October, and in December and February.

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In addition to the North and South Outfalls, Point Ruston monitors an existing, upland station near the southeastern end of the car tunnel. This monitoring station is designated OSW2. No samples were taken from OSW2 in October as a result of physical inaccessibility due to ongoing construction activities in the immediate vicinity. Samples were collected by Point Ruston from the outfall locations on October 10<sup>th</sup>, 17<sup>th</sup>, 24<sup>th</sup>, and 31<sup>st</sup>. Results from samples collected are attached. There were no exceedances.

2. Point Ruston collects OCF leachate in a 5,000-gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 100 gallons per day on the LCRS. Leachate sampled on November 1, 2011 with result of 4.0ppm (As). To be shipped as non-hazardous; shipment pending scheduling.
3. Point Ruston performs perimeter air monitoring at three locations on the site: NW Corner of OCF, OCF Vault #1 (upper vault), and at the South Gate. With EPA approval, Point Ruston has suspended perimeter air monitoring during wet weather events that cause wet site conditions. Perimeter air monitoring will resume when the weather allows the site to dry out. Results for samples collected September 26<sup>th</sup> through October 21<sup>st</sup> are attached. Results for the remainder of October are pending laboratory analysis and will be submitted with the November report. There were no exceedances.
4. Point Ruston performs personal air monitoring in accordance with WAC 296-848-20060(1) & WAC 296-155-17609(1)(a) to determine if the airborne concentrations of arsenic and lead exceed the PEL. Personal air monitoring (Exposure Evaluations) was not required in October.

C. *Work Plans and other deliverables completed and submitted during the previous month.*

1. Plans and Documents included the following:  
**Point Ruston Grade and Site Cap (Hydrometrics 2008)** – received EPA approval  
**Temporary Cap Plan** – received conditional EPA approval, pending Site Wide Storm Water Plan. Report of results from rain testing to be completed by submitted in mid-July. Point Ruston submitted updated plan for Interim Permanent Cap. Construction and compaction of subgrade ongoing; awaiting final EPA approval of design. Point Ruston drafting O&M Plan for the maintenance of the Interim Permanent Cap.  
**Site Wide Storm Water Plan** -- submittal to EPA for review and approval (Hydrometrics 2011), received interim EPA approval, awaiting formal and final approval of Interim Permanent Cap Plan.

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**Construction Health & Safety Plan (CH&SP)** – updated plan to be submitted for EPA review and approval in immediate future.

**BNSF Excavation & RA Plan** – received EPA approval; work completed and approved. BN has issued a Quit Claim Deed to Point Ruston and this property to become part of Ruston Way shoulder and potential street side parking. .

**Sequence of Development and Occupancy Plan (SDOP)** – Point Ruston continuing edits and restructuring.

**Ruston Way SAP** – EPA approved, work completed.

**Operations Maintenance, and Monitoring Plan (OMMP)** – Point Ruston continuing edits and restructuring.

**CC&Rs and HOA OMMP budget** – Point Ruston continuing edits and restructuring. Removing environmental specific conditions and placing into stand-alone Environmental CC&R document.

**Phase 1 Construction Management Plan (CMP)** –EPA approval; edits and restructuring for re-submittal to include updated RA for site improvements; construction to continue summer 2011.

**Master Infrastructure CMP** – EPA approved, work ongoing.

**Waterwalk CMP**- Point Ruston drafting ongoing; to be submitted for phased construction and 1<sup>st</sup> phase of Waterwalk anticipated to begin construction in 2011.

**BA South Outfall Flow (Edwards Street)** – EPA reviewing on going; submitted to NMFS, NOAA, & USFWS for review.

**BA Shoreline Stabilization** – EPA approved. Work ongoing.

**Biological Assessment South Outfall Construction (Edwards Street)** – EPA approved. Work ongoing.

2. Remedial Action included the following tasks:

- OCF construction activities:
  - Maintained leachate collection system.
  - Inspected storm drain system, vaults and cover.
- Stack Hill construction activities:
  - Maintained erosion and surface water controls; Maintained site perimeter fence and signage at the north end of Stack Hill.
  - Subgrade samplings of Stack Hill face to determine extent of cap and RA.
- Site-wide remediation/redevelopment activities:
  - Continued surface water controls
  - Maintained onsite haul roads and stockpiles

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Asarco Tacoma Smelter Site

- Maintained erosion and surface water controls; Inspected and repaired silt fence. Ruston Way closed to public traffic to accommodate MICMP construction of ROW and other public utilities. Ruston side of Tunnel filled with Baltimore St. road prism clean ballast. Liner along Town of Ruston ROW being placed; roadway concrete and asphalt to begin mid-winter; Q1 construction completion scheduled.
- Continued site-wide dust monitoring and control through site and access road watering, as needed.
- Maintained air-monitoring program per CH&SP
- Completed shoreline armoring BA, construction began, and trenching and armoring construction on going.

D. *Actions scheduled for the next six weeks.*

1. Point Ruston received ownership of BNSF parcel; to be used for ROW dedication and accommodate other public right of way construction needs.
2. Complete MICMP construction of liner on public ROW Ruston Way, Underground Power and Data (Qwest, Comcast, Click, etc) components to continue, along with joint utility trench excavations. MICMP completion expected Q1-2012; Tacoma and Point Ruston completing design of Waterwalk in anticipation of culmination of PSA Waterwalk property
3. Continue construction of shoreline armoring.
4. Finalize design and approvals of Interim Permanent Cap, finish site wide mass grading, and begin construction of liner.
5. Continue CH&SP air monitoring during RA activities.
6. Continue to work on plans associated with Institutional Controls for the site, including Sequence of Development and Occupancy Plan, CC&Rs, and other HOA related documents as required per the Consent Decree, including responding to EPA comments.
7. Continue to work on response to EPA comments on the Operation, Maintenance and Monitoring Plan ("OMMP")
8. Continue discussions with Metro Parks Tacoma on extension of Yacht Club Road and closure of Waterfront Drive, and offsite environmental liabilities on Peninsula Park/Slag Peninsula property; coordinate with EPA on claims to Asarco trust account.
9. Continue discussions with DNR and State of Washington regarding offsite liabilities for sediments and other aquatic land.

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The following Remedial Action tasks are planned to continue:

**RA Monitoring:**

- a. Outfall sampling (weekly composite samples) during scheduled months
- b. Air monitoring during remedial action activities

**OCF OMMP activities:**

- a. Continue collection of leachate for offsite disposal
- b. Continue monitoring of leachate volumes

**Stack Hill construction activities:**

- a. Erosion controls and site maintenance
- b. Continue home construction and sales & marketing efforts

**Site-wide construction activities:**

- a. Continue surface water controls
- b. Maintain roads and stockpiles onsite
- c. Maintain erosion controls
- d. Construction activities for mass grading and Master Infrastructure
- e. Complete site wide grading and placement of onsite stockpiles and soils in advance of subgrade construction and compaction.

*E. Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.*

1. Point Ruston is continuing to work with the City of Tacoma & Town of Ruston on work associated with the Master Infrastructure CMP and Phase I CMP; LID construction is ongoing.

*F. Modifications to work plans or schedules proposed to or approved by EPA.*

1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.
2. Point Ruston submitted a Request for Schedule Modification to Attachment 1 of the Final Statement of Work on February 9, 2010. EPA approved a SOW Schedule Modification on March 24, 2011 deleting the 50% cap completion date, in exchange for an agreement by Point Ruston to complete an interim temporary cap on the site.

*G. Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.*

1. Point Ruston continues to work in conjunction with staff from the Town of Ruston and City of Tacoma regarding development plans, which incorporate remediation components for the site.

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2. Point Ruston continues negotiations, design and conclusion of the sale of Waterwalk property to the City of Tacoma.
3. Point Ruston continues to meet with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.
4. Point Ruston continues discussions with DNR on cost recovery claims and other sediment cleanup issues.
5. Point Ruston continues to discuss off site RA of Metro Parks Peninsula, and Town of Ruston's tunnel.

Table 1. Summary of October 2011 Outfall Data for As, Cu, and Zn Compared to SOW Limit

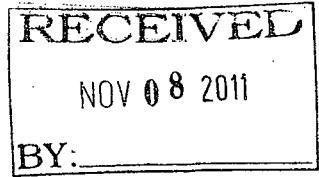
Location	As Conc. ppm	% of SOW Limit*	Cu Conc. ppm	% of SOW Limit*	Zn Conc. ppm	% of SOW Limit*
South Outfall	0.034	6.80%	0.004	0.79%	0.002	0.48%
OSW2	0.000	0.00%	0.000	0.00%	0.000	0.00%
North Outfall	0.024	4.75%	0.003	0.54%	0.002	0.34%

\* 0.5 ppm is the limit of As, Cu, and Zn allowed as documented in the SOW.



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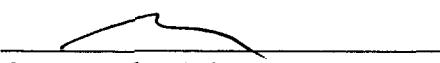
11/04/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Tacoma Smelter  
Date Received: 10/31/2011  
Spectra Project: 2011110000

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
TSM1011410	1	Arsenic	0.042	mg/L	EPA 200.8	Water	10/10/2011
TSM1011410	1	Copper	0.003	mg/L	EPA 200.8	Water	10/10/2011
TSM1011410	1	Zinc	< 0.0005	mg/L	EPA 200.8	Water	10/10/2011
TSM1011110	2	Arsenic	0.015	mg/L	EPA 200.8	Water	10/10/2011
TSM1011110	2	Copper	< 0.0005	mg/L	EPA 200.8	Water	10/10/2011
TSM1011110	2	Zinc	< 0.0005	mg/L	EPA 200.8	Water	10/10/2011
TSM1011117	3	Arsenic	0.045	mg/L	EPA 200.8	Water	10/17/2011
TSM1011117	3	Copper	0.0074	mg/L	EPA 200.8	Water	10/17/2011
TSM1011117	3	Zinc	< 0.0005	mg/L	EPA 200.8	Water	10/17/2011
TSM1011417	4	Arsenic	0.020	mg/L	EPA 200.8	Water	10/17/2011
TSM1011417	4	Copper	0.001	mg/L	EPA 200.8	Water	10/17/2011
TSM1011417	4	Zinc	0.0031	mg/L	EPA 200.8	Water	10/17/2011
TSM1011124	5	Arsenic	0.039	mg/L	EPA 200.8	Water	10/24/2011
TSM1011124	5	Copper	0.0028	mg/L	EPA 200.8	Water	10/24/2011
TSM1011124	5	Zinc	< 0.0005	mg/L	EPA 200.8	Water	10/24/2011
TSM1011424	6	Arsenic	0.016	mg/L	EPA 200.8	Water	10/24/2011
TSM1011424	6	Copper	0.0032	mg/L	EPA 200.8	Water	10/24/2011
TSM1011424	6	Zinc	0.0014	mg/L	EPA 200.8	Water	10/24/2011

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Steve Hibbs, Laboratory Manager  
a8/scj

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11/04/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Tacoma Smelter  
Date Received: 10/31/2011  
Spectra Project: 2011110000

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
TSM1011131	7	Arsenic	0.037	mg/L	EPA 200.8	Water	10/31/2011
TSM1011131	7	Copper	0.0055	mg/L	EPA 200.8	Water	10/31/2011
TSM1011131	7	Zinc	0.0096	mg/L	EPA 200.8	Water	10/31/2011
TSM1011431	8	Arsenic	0.017	mg/L	EPA 200.8	Water	10/31/2011
TSM1011431	8	Copper	0.0035	mg/L	EPA 200.8	Water	10/31/2011
TSM1011431	8	Zinc	0.0022	mg/L	EPA 200.8	Water	10/31/2011

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Steve Hibbs, Laboratory Manager  
a8/scj

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

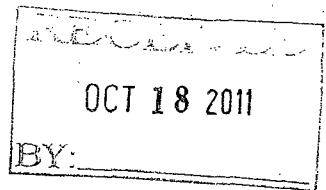
CHAIN OF CUSTODY RECORD

20111000

PROJ. NO	PROJECT NAME <u>(October)</u> <u>Tacoma Swlter Outfall Samples</u>					NO. OF CONTAINERS	REMARKS	
SAMPLERS: (Signature) <u>JKeller</u>								
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER			
10/10/11	South	9:48			TSM 1011110	1 X		
10/10/11	North	10:08			TSM 1011410	1 X		
10/17/11	South	8:20			TSM 1011117	1 X		
10/17/11	North	8:30			TSM 1011417	1 X		
10/24/11	South	8:20			TSM 1011124	1 X		
10/24/11	North	8:30			TSM 1011424	1 X		
10/31/11	South	8:00			TSM 1011131	1 X		
10/31/11	North	8:10			TSM 1011431	1 X		
							<i>Please Email results to: Tim2@PTRuston.com</i>	
Relinquished-(Signature) <u>JKeller</u>					Date/Time 10/31/11 15:24	Received by: (Signature) <u>Grace Holt</u>	Lab <u>Spectra</u>	Shipped via: FedEx, UPS or Other <u>Drop off</u> Air Bill # <u> </u>
Relinquished (Signature)					Date/Time	Received by: (Signature)	Remarks	
Relinquished (Signature)					Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
							Split Samples: [ ]Accepted [ ]Declined _____	

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10/14/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 09/26/2011  
Spectra Project: 2011090557

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495954	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495954	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495953	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495953	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495952	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495952	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/19/2011
8495950	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495950	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495949	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495949	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495948	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495948	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495947	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011
8495947	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011
8495946	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011
8495946	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011

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Steve Hibbs, Laboratory Manager

a8/scj

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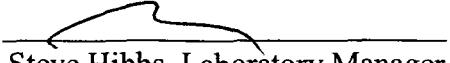
10/14/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 09/26/2011  
Spectra Project: 2011090557

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495945	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011
8495945	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/21/2011
8495944	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495944	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495943	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495943	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495942	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495942	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/22/2011
8495941	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495941	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495940	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495940	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495939	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495939	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/23/2011
8495951	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011
8495951	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/20/2011

SPECTRA LABORATORIES

  
Steve Hibbs, Laboratory Manager  
a8/scj

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

CHAIN OF CUSTODY RECORD

7611090557

PROJ. NO		PROJECT NAME		HI-VOLS		NO. OF CONTAINERS	AS/PB	REMARKS	
AIR MONITORING		POINT RUSTON, LLC							
SAMPLERS: (Signature)		<i>Janice D. Runk</i>							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER				
9/19/11	SG		x		8495954	1	x		
9/19/11	OCF-VI		x		8495953	1	x		
9/19/11	OCF-NW		x		8495952	1	x		
9/20/11	SG		x		8495950	1	x	PLEASE Email RESULTS TO:	
9/20/11	OCF-VI		x		8495949	1	x	Tim2@PointRuston.com	
9/20/11	OCF-NW		x		8495948	1	x		
9/21/11	SG		x		8495947	1	x		
9/21/11	OCF-VI		x		8495946	1	x		
9/21/11	OCF-NW		x		8495945	1	x		
9/22/11	SG		x		8495944	1	x	THANK	
9/22/11	OCF-VI		x		8495943	1	x		
9/22/11	OCF-NW		x		8495942	1	x	7/4/11	
9/23/11	SG		x		8495941	1	x		
9/23/11	OCF-VI		x		8495940	1	x		
9/23/11	OCF-NW		x		8495939	1	x		
Relinquished (Signature)				Date/Time	Received by: (Signature)	Lab	Shipped via: FedEx, UPS or Other		
<i>Janice D. Runk</i>				9/26/11 12:52	<i>Janice</i>	SPECTRA	DROP OFF		
Relinquished (Signature)				Date/Time	Received by: (Signature)	Remarks			
<i>Janice D. Runk</i>				9/26/11					
Relinquished (Signature)				Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed:		
					<i>Maree Wolt</i>	9/26/11 1:40	<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter		
							Split Samples: [ ]Accepted [ ]Declined _____		
							<i>Signature</i>		

CHAIN OF CUSTODY RECORD

2011090557

PROJ. NO	PROJECT NAME				NO. OF CONTAINERS	REMARKS
AIR MONITORING	POINT RUSTON, LLC					
SAMPLERS: (Signature)						
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	
9/1/2011	CONTROL		X		8495951	1 X
9/1/2011					Hi-VOLUME SAMPLER LOG	1 PAGE
						PLEASE Email RESULTS Tim@ <a href="http://POINTRUSTON.com">POINTRUSTON.com</a>
						HANK YOU
Relinquished (Signature)	Date/Time		Received by: (Signature)		Lab:	Shipped via: FedEx, UPS or Other <u>DODP OFF</u> Air Bill # <u></u>
<i>Baker</i>	9/26/11 12:53		<i>Baker</i>		SPECTRA	
Relinquished (Signature)	Date/Time		Received by: (Signature)		Remarks	
<i>Baker</i>	9/1/2011					
Relinquished (Signature)	Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:
			<i>Maree Holt</i>		9-26-11 1:40 pm	<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____						

# SPECTRA Laboratories

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OCT 20 2011

BY:

10/17/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Date Received: 10/03/2011  
Spectra Project: 2011100072

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495938	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495938	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495937	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495937	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495936	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495936	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/26/2011
8495935	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495935	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495934	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495934	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495933	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495933	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/27/2011
8495932	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495932	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495931	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495931	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a8/scj

# SPECTRA Laboratories

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10/17/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Date Received: 10/03/2011  
Spectra Project: 2011100072

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495930	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495930	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495927	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495927	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495928	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495928	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495929	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495929	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/29/2011
8495925	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495925	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495924	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495924	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495923	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495923	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/30/2011
8495926	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011
8495926	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	09/28/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100    Tacoma, WA 98407  
 Phone: 253-752-2185    Fax: 253-752-7083

CHAIN OF CUSTODY RECORD

Hi-VOLS

2014060712

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS
Air Monitoring		(Hi-VOLS) POINT RUSTON, LLC			
SAMPLERS:	(Signature)				
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER
9/28/11	CONTROL		X		8495926
10/3/11					Hi-VOLUME SAMPLER LOG
					1 PAGE
					C.F.M. DATA FOR LISTED FILTERS
					THANK YOU
Relinquished (Signature)		Date/Time		Received by: (Signature)	
<i>[Signature]</i>		10/3/11 @ 1454		<i>[Signature]</i>	
Relinquished (Signature)		Date/Time		Received by: (Signature)	
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)	
Remarks		Lab		Shipped via: FedEx, UPS or Other <u>DROP OFF</u> Air Bill #	
		SPECTRA			
Remarks		Enclosed:			
		<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter			
Split Samples: [ ]Accepted [ ]Declined		Signature			

# SPECTRA Laboratories

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OCT 25 2011

BY:

10/20/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring HVL  
Date Received: 10/10/2011  
Spectra Project: 2011100266

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495916	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495916	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495915	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495915	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495914	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495914	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2011
8495913	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495913	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495912	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495912	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495911	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495911	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495909	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2011
8495909	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2011
8495907	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2011
8495907	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a8/scj

# SPECTRA Laboratories

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10/20/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring HVL  
Date Received: 10/10/2011  
Spectra Project: 2011100266

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495910	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011
8495910	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD

2011100206

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO	PROJECT NAME					NO. OF CONTAINERS	REMARKS
AIR MONITORING	POINT RUSTON, LLC						
SAMPLERS (Signature)	<i>Jenny L. Rankin</i>						
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
10/5/11	SG		X		8495916	1	X
10/5/11	OCF-VI		X		8495915	1	X
10/5/11	OCF-NW		X		8495914	1	X
10/6/11	SG		X		8495913	1	X
10/6/11	OCF-VI		X		8495912	1	X
10/6/11	OCF-NW		X		8495911	1	X
10/7/11	SG		X		8495909	1	X
10/7/11	OCF-NW		X		8495907	1	X
10/6/11	CONTROL		X		8495910	1	X
H-I VOLUME SAMPLER LOG						1 PAGE	CFM DATA FOR LISTED FILTERS
<i>(Large X over entire row)</i>						PLEASE EMAIL RESULTS TO: Tim@POINTRUSTON.com	
Relinquished (Signature)		Date/Time	Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other <u>DROP OFF</u> Air Bill #	
<i>Jenny L. Rankin</i>		10-10-11 2:27	<i>Marie Wolf</i>		SPECTRA		
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks		
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed:	
						<input type="checkbox"/> Parameter List with DTIs <input type="checkbox"/> Cover Letter	
Split Samples: [ ] Accepted [ ] Declined _____							
Signature _____							

# SPECTRA Laboratories

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RECEIVED  
NOV 04 2011  
BY:

11/01/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Date Received: 10/17/2011  
Spectra Project: 2011100417

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8495906	1	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495906	1	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495905	2	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495905	2	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495904	3	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495904	3	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2011
8495903	4	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
8495903	4	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
8495902	5	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
8495902	5	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
8495901	6	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
8495901	6	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/11/2011
5636700	7	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2011
5636700	7	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2011
5636699	8	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2011
5636699	8	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a8/scj



# SPECTRA Laboratories

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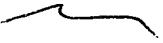
11/01/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Date Received: 10/17/2011  
Spectra Project: 2011100417

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
5636698	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/12/2011
5636698	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/12/2011
5636697	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636697	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636696	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636696	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636695	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636695	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/13/2011
5636694	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636694	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636693	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636693	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636692	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636692	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2011
5636691	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636691	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager  
a8/scj

# SPECTRA Laboratories

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11/01/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Date Received: 10/17/2011  
Spectra Project: 2011100417

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
5636690	17	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636690	17	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636689	18	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636689	18	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636685	19	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011
5636685	19	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100  
Phone: 253-752-2185  
Fax: 253-752-7083

**CHAIN OF CUSTODY RECORD**

2011/04/17

PROJ. NO	PROJECT NAME					NO. OF CONTAINERS	REMARKS
Air Monitoring	POINT RUSTON, LLC HI-VOLS						
SAMPLERS (Signature)							
DATE	STA #	TIME	COMP	GRAB.	SAMPLE NUMBER		
10/10/11	SG		X		8495906	1	✓
10/10/11	OCF-VI		X		8495905	1	✓
10/10/11	OCF-NW		X		8495904	1	✓
10/11/11	SG		X		8495903	1	✓
10/11/11	OCF-VI		X		8495902	1	✓
10/11/11	OCF-NW		X		8495901	1	✓
10/12/11	SG		X		56366740	1	✓
10/12/11	OCF-VI		X		56366699	1	✗
10/12/11	OCF-NW		X		56366698	1	✗
10/13/11	SG		X		56366697	1	✗
10/13/11	OCF-VI		X		56366696	1	✗
10/13/11	OCF-NW		X		56366695	1	✗
10/14/11	SG		X		56366694	1	✗
10/14/11	OCF-VI		X		56366693	1	✗
10/14/11	OCF-NW		X		56366692	1	✗
Relinquished (Signature)			Date/Time	Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other
J.D.R.			10/17/11 @ 1121	PDR		SPECTRA	DROP OFF
Relinquished (Signature)			Date/Time	Received by: (Signature)		Remarks	
Relinquished (Signature)			Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed:
							<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: [ ] Accepted [ ] Declined _____ Signature							

CHAIN OF CUSTODY RECORD

20111004/17

PROJ. NO	PROJECT NAME				NO. OF CONTAINERS	REMARKS
AIR MONITORING	POINT RUSTON, LLC					
SAMPLER'S (Signature)	<i>John Runk</i>					
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	
10/15/11	SG		✓		56366091	1 X
10/15/11	OCT-NI		✓		56366090	1 X
10/15/11	OCT-NW		✓		56366089	1 X
10/15/11	Control		X		56366085	1 X
10/17/11	Hi-VOLUME SAMPLER LOG				2 PAGE	JFM DATA FOR LISTED FILTERS
<p><i>John Runk</i></p>						
Relinquished (Signature)	Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other
<i>John Runk</i>	10/17/11 01/21		<i>Rod Kog</i>		SPECTRA	DROP OFF
Relinquished (Signature)	Date/Time		Received by: (Signature)		Remarks	
Relinquished (Signature)	Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:
						<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
<p><i>John Runk</i></p>						
<p>PAGE 2 of 2</p>						
<p>Split Samples:  <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____</p>						
<p>Signature</p>						



# SPECTRA Laboratories

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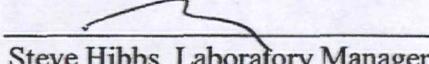
11/09/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 10/24/2011  
Spectra Project: 2011100578

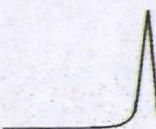
<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
5636688	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636688	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636687	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636687	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636686	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636686	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/17/2011
5636684	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636684	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636683	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636683	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636682	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636682	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/18/2011
5636681	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011
5636681	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011
8552600	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011
8552600	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

a8/scj



# SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

11/09/2011

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 10/24/2011  
Spectra Project: 2011100578

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
5636680	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011
5636680	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/19/2011
5636679	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
5636679	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
5636678	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
5636678	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
5636677	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
5636677	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/20/2011
8552599	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011
8552599	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011
8552598	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011
8552598	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011
8552597	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011
8552597	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/21/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD

**POINT  
RUSTON**  
5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

2011100578

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS					
Air Monitoring		POINT RUSTON, LLC Hi-VOL								
SAMPLERS: (Signature)	<i>Ronka JR</i> <th>DATE</th> <th>STA #</th> <th>TIME</th> <th>COMP</th> <th>GRAB</th> <th>SAMPLE NUMBER</th> <th></th>		DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
			10/17/11	SG		X		5636688	1 X	
			10/17/11	OCF-VI		X		5636687	1 X	
			10/17/11	OCF-NW		X		5636686	1 X	
			10/18/11	SG		X		5636684	1 X	
			10/18/11	OCF-VI		X		5636683	1 X	10/24/11
			10/18/11	OCF-NW		X		5636682	1 X	1 PAGE - HI-VOLUME
			10/19/11	SG		X		5636681	1 X	SAMPLER LOG
			10/19/11	OCF-VI		X		85526000	1 X	C.F.M. DATA FOR LISTED FILTERS
			10/19/11	OCF-NW		X		5636680	1 X	
			10/20/11	SG		X		5636679	1 X	
			10/20/11	OCF-VI		X		5636678	1 X	
			10/20/11	OCF-NW		X		5636677	1 X	
			10/21/11	SG		X		563668552599	1 X	
			10/21/11	OCF-VI		X		8552598	1 X	
			10/21/11	OCF-NW		X		8552597	1 X	
Relinquished (Signature)			Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS, or Other	
<i>Ronka JR</i>					<i>MH</i> 10/24/11		SPECTRA		<i>Drop off</i>	
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks			
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:		
								<input type="checkbox"/> Parameter List with DTLs		
								<input type="checkbox"/> Cover Letter		
Split Samples: [ ]Accepted [ ]Declined _____										Signature

# Weekly Site Inspection Report No. 2011-1002

**Week of:** 10/2 – 8, 2011

**Inspector:** Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y N	Road Closed Since
	G	F	P	Y N	July 13, 2011
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	G	F	P	Y N	None
	G	F	P	Y N	None
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	ADJUSTMENTS + REPAIRS - ONGOING
<b>Cameras:</b> Lower Site (Other)	G	(F)	P	Y (N)	
	G	F	P	Y N	

G=Good F=Fair P=Poor Y=Yes N=No

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS
<b>Health &amp; Safety Plans:</b> Site Superintendent Construction Super. Other	G	(F)	P	(Y) N
	G	(F)	P	(Y) N
	G	F	P	Y N

G=Good F=Fair P=Poor Y=Yes N=No

## Misc. notes:


## Air Monitoring:

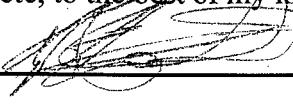
Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	2	N N	NO RA ACTIVITY
Mon	3	X N	No RA ACTIVITY; EQUIP MAINT. ONLY; WET CONDITIONS
Tue	4	X N	No RA ACTIVITY; EQUIPMENT MAINT.; WET CONDITIONS
Wed	5	Y N	SITE CREW SITTING THROUGH STOCKPILES ON N. END. REMOVED UNTIL
Thu	6	Y N	SITE CREW SITTING OUT OF STOCKPILE, USED INSTRUMENTS FOR RAS
Fri	7	Y N	DISMANTLED INSTRUMENTS ON MONT GROVE; DERRYL + ERIN + DERRYL FROM P,
Sat	8	N N	NO RA ACTIVITY

## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	2	48°/61°; NNE WIND 1 MPH/GUST 7 MPH, PRECIP. 0.18" (EVE)
Mon	3	51°/61°; SSW WIND 3 MPH/GUST 13 MPH, PRECIP. 0.12" (SCATTERED)
Tue	4	48°/62°; SSW WIND 3 MPH/GUST 13 MPH, PRECIP. 0.04" (SCATTERED)
Wed	5	48°/55°; SSW WIND 3 MPH/GUST 11 MPH, PRECIP. 0.09" (MORN. & LATE EVE)
Thu	6	48°/58°; SW WIND 3 MPH/GUST 11 MPH, PRECIP. 0.01" (MORNING)
Fri	7	51°/56°; SSW WIND 3 MPH/GUST 9 MPH, PRECIP. 0.04" (MORNING)
Sat	8	48°/63°; SW WIND 2 MPH/GUST 9 MPH, PRECIP. 0.03" (LATE EVE)

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/10/2011

SIGNED: 

Tim R.

TITLE: Construction Oversight / Health &amp; Safety Officer



# Weekly Site Inspection Report No. 2011-1009

**Week of:** 10/9 – 15, 2011      **Inspector:** Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G) F P Y (N)			
	(G) F P Y (N)			
	(G) F P Y (N)			
	(G) F P Y (N)			
<b>Signage:</b> Gates Perimeter Safety (Other)	(G) F P Y (N)			
	(G) F P Y (N)			
	(G) F P Y (N)			
	G F P Y N			
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G F P Y N		<i>CLOSED</i>	
	G F P Y N		<i>CLOSED</i>	
	(G) F P Y (N)			
	G F P Y N			
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G) F P Y (N)			
	(G) F P Y (N)			
	(G) F P Y (N)			
	G F P Y N			
<b>Strom drains clean:</b> Lower Site Stack Hill	(G) F P Y (N)			
	(G) F P Y (N)			
<b>Stockpiles:</b> Enviretac II Plastic Packed Grass	G F P Y N			
	G F P Y N			
	(G) F P Y (N)			
	(G) F P Y (N)			
<b>Dust:</b> Traffic areas Excavation area (Other)	(G) F P Y (N)			
	(G) F P Y (N)			
	G F P Y N			
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G) F P Y (N)			
	(G) F P Y (N)			
	G F P Y N			
<b>Cameras:</b> Lower Site (Other)	G (F) P Y (N)			
	G (F) P Y (N)			

G=Good F=Fair P=Poor Y=Yes N=No

**Weekly Site Inspection Report No.****2011-1009****Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

<b>INSPECTION AREA</b>	<b>OVERAL CONDITION</b>		<b>NEED REPAIR?</b>		<b>COMMENTS/OBSERVATIONS</b>
<b>Health &amp; Safety Plans:</b>					
Site Superintendent	G	F	P	Y	N
Construction Super.	G	E	P	Y	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

**Misc. notes:**

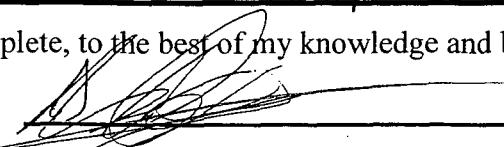

**Air Monitoring:**

<b>Day of Week</b>	<b>Hi-Vol Y/N</b>	<b>Personal Y/N</b>	<b>Air Monitoring Notes</b>
Sun 9	N	N	NO RA ACTIVITY
Mon 10	Y	N	Sorting Debris Piles; TPIT SAMPLING; DIG JOINT UTILITY TRENCH
Tue 11	Y	N	GRAVING MAIN STREET; HEAVY RAIN
Wed 12	Y	N	SITE CLEAN UP
Thu 13	Y	N	HAUL & GRADE BN STOCKPILE; DIGGING JOINT UTILITY TRENCH
Fri 14	Y	N	HAUL & GRADE BN STOCKPILE; RUSTON WAY REALIGNMENT
Sat 15	Y	N	MOVE BORE HOLE 3 PILE; JOINT UTILITY TRENCH; EQUIP. DEC'D.

**WEATHER:**

<b>Day of Week</b>	<b>(LOW/HIGH)</b>	<b>Summary of Weather Conditions</b>
Sun 9	51°/56° SSW	WIND 2 MPH/GUST 8 MPH, PRECIP. 0.06" (SCATTERED MORN)
Mon 10	50°/59° SSW	WIND 3 MPH/GUST 15 MPH, PRECIP. 0.18" (SCATTERED)
Tue 11	51°/57° SSW	WIND 7 MPH/GUST 16 MPH, PRECIP. 0.8" (SCATTERED ALL DAY)
Wed 12	48°/59° SSW	WIND 5 MPH/GUST 10 MPH, PRECIP. 0.06" (MORN & AFTERNOON)
Thu 13	45°/55° NNE	WIND 3 MPH/GUST 11 MPH, NO PRECIPITATION
Fri 14	49°/55° NNE	WIND 4 MPH/GUST 12 MPH, NO PRECIPITATION
Sat 15	45°/52° NNE	WIND 2 MPH/GUST 10 MPH, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/17/2011SIGNED: Tim R.TITLE: Construction Oversight / Health & Safety Officer

**Weekly Site Inspection Report No.**
**2011-1016**
**Week of:** 10/16 – 22, 2011      **Inspector:** Tim Rusher
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> <del>Envirotac II</del> Plastic Packed Grass	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	G	(F)	P	(Y)	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Cameras:</b> Lower Site (Other)	G	(F)	P	Y	(N)
	G	(F)	P	Y	(N)

G=Good F=Fair P=Poor Y=Yes N=No

## Weekly Site Inspection Report No.

2011-1016

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans:					
Site Superintendent	G	F	P	Y	N
Construction Super.	G	F	P	Y	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

## Misc. notes:

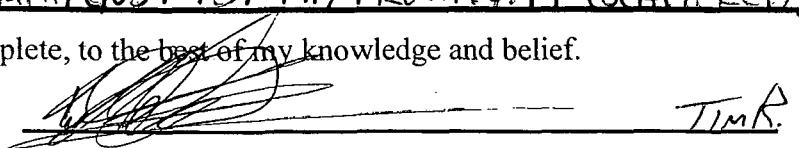

## Air Monitoring:

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	16	N	N NO RA ACTIVITY
Mon	17	Y	N JOINT UTILITY TRENCH; BALTIMORE GRADING; EQUIPMENT DECON; STORM DRAIN
Tue	18	Y	N JOINT UTILITY TRENCH; STORM DRAIN
Wed	19	Y	N BARGE 34 OFFLOAD; R.W. STORM DRAIN (NIGHT WORK)
Thu	20	Y	N R.W. STORM DRAIN (NIGHT WORK); BARGE 35 OFFLOAD; BALTIMORE FIN
Fri	21	Y	N BARGE 36 OFFLOAD; JOINT UTILITY TRENCH; SHORELINE IMPORTS
Sat	22	N	N NO RA ACTIVITY

## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	16	43°/52° NNE WIND 1 MPH/GUST 11 MPH, NO PRECIPITATION
Mon	17	40°/58° NNE WIND 2 MPH/GUST 11 MPH, PRECIPITATION 0.01" (MORN)
Tue	18	47°/65° NNE WIND 3 MPH/GUST 13 MPH, NO PRECIPITATION
Wed	19	47°/58° SSW WIND 4 MPH/GUST 13 MPH, NO PRECIPITATION
Thu	20	48°/59° SSW WIND 3 MPH/GUST 9 MPH, NO PRECIPITATION
Fri	21	48°/58° SSW WIND 5 MPH/GUST 11 MPH, PRECIP. 0.08" (SCATTERED)
Sat	22	54°/60° SSW WIND 6 MPH/GUST 13 MPH, PRECIP. 0.47" (SCATTERED)

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/24/2011 SIGNED:  Tim R.

TITLE: Construction Oversight / Health &amp; Safety Officer

**Week of:** 10/23 – 29, 2011      **Inspector:** Tim Rusher
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

<b>INSPECTION AREA</b>	<b>OVERAL CONDITION</b>		<b>NEED REPAIR?</b>	<b>COMMENTS/OBSERVATIONS</b>	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	G	(F)	P	(Y)	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> <del>Envirotac II</del> <del>Plastic</del> <del>Packed</del> <del>Grass</del>	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Cameras:</b> Lower Site (Other)	G	(F)	P	Y	(N)
	G	(F)	P	Y	(N)

G=Good F=Fair P=Poor Y=Yes N=No

## Weekly Site Inspection Report No.

2011-1023

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N
Construction Super.	G	(F)	P	(Y)	N
GORDY Other BAGS NEW	G	(F)	P	(Y)	N

G=Good F=Fair P=Poor Y=Yes N=No

## Misc. notes:

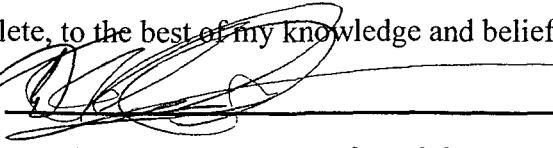

## Air Monitoring:

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	23	N	N NO RA ACTIVITY
Mon	24	Y	N RUSTONWAY LINER; BARGE 37 OFFLOADING; JOINT UTILITY TRENCH
Tue	25	Y	N RUSTONWAY REALIGNMENT; SHORELINE ARMORING; RUSTONWAY LINER
Wed	26	Y	N BARGE 38 OFFLOADING; RUSTONWAY LINER; 2A STORAGE FOOTING
Thu	27	Y	N RUSTONWAY LINER; SHORELINE ARMORING; 2A STORAGE FOOTING
Fri	28	Y	N RUSTONWAY LINER; SHORELINE ARMORING; JOINT UTILITY TRENCH
Sat	29	Y	N SHORELINE ARMORING (NIGHT SHIFT)

## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	23	48°57°: SW WIND 2MPH/GUST 9MPH, NO PRECIPITATION
Mon	24	43°55°: SSW WIND 1MPH/GUST 7MPH, PRECIP. 0.01" (MORNING)
Tue	25	38°53°: NNE WIND 2MPH/GUST 9MPH, NO PRECIPITATION
Wed	26	37°50°: SSW WIND 3MPH/GUST 9MPH, NO PRECIPITATION
Thu	27	44°52°: NNE WIND 2MPH/GUST 9MPH, NO PRECIPITATION
Fri	28	43°57°: SSW WIND 5MPH/GUST 14MPH, PRECIP. 0.39" (AFTERNOON)
Sat	29	44°56°: SSW WIND 3MPH/GUST 9MPH, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/31/2011SIGNED: Tim R.TITLE: Construction Oversight / Health & Safety Officer



# Weekly Site Inspection Report No.

2011-1030

**Week of:** 10/30 – 11/5, 2011      **Inspector:** Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N) (SEE NOTES)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass					Most PILES ARE GONE
	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Cameras:</b> Lower Site (Other)	G	(E)	P	Y	(N)
	G	(F)	P	Y	(N)

G=Good F=Fair P=Poor Y=Yes N=No

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INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N
Construction Super.	G	(F)	P	(Y)	N
Other	G	(F)	P	(Y)	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: GATES @ 54<sup>th</sup> ST. GATE STOPPED WORKING (Low Power) 11/3/11

REPLACED BATTERY & CHARGER 11/4/11. PROBLEM SOLVED.

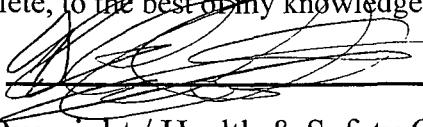
## Air Monitoring:

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	30	N	NO RA ACTIVITY
Mon	31	Y	SHORELINE ARMORING; JOINT UTILITY TRENCH; RUSTON WTY REALIGN.
Tue	11/1	Y	SHORELINE ARMORING (P.A.M.); CONCRETE DEMO; RUSTON WTY STORM
Wed	2	Y	SHORELINE ARMORING; RUSTON WTY LINER; JOINT UTILITY TRENCH
Thu	3	Y	SHORELINE ARMORING; RUSTON WTY LINER; JOINT UTILITY TRENCH
Fri	4	Y	SHORELINE ARMORING; RUSTON WTY LINER; JOINT UTILITY TRENCH
Sat	5	N	No RA ACTIVITY - WET CONDITIONS

## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	30	43°/58°; SSW WIND 4 MPH/GUST 12 MPH, PRECIP. 0.18" (SCATTERED)
Mon	31	42°/52°; SOUTH WIND 3 MPH/GUST 8 MPH, NO PRECIPITATION
Tue	11/1	38°/51°; NE WIND 1 MPH/GUST 7 MPH, PRECIP. 0.01" (MORNING)
Wed	2	36°/54°; SW WIND 4 MPH/GUST 18 MPH, PRECIP. 0.42" (EVE.)
Thu	3	39°/51°; SSW WIND 4 MPH/GUST 7 MPH, NO PRECIPITATION
Fri	4	39°/45°; SE WIND 1 MPH/GUST 6 MPH, PRECIPITATION 0.05" (MORN.)
Sat	5	35°/49°; NORTH WIND 1 MPH/GUST 10 MPH, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 11/7/2011SIGNED: Tim R.TITLE: Construction Oversight / Health & Safety Officer